MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE

DOMINION OF CANADA

MARCH 1932

TEMPERATURE

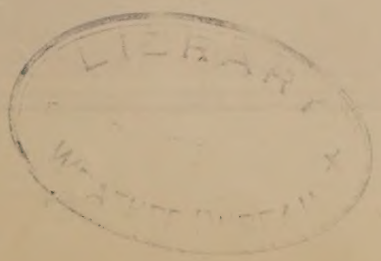
Over the greater part of the Dominion the month was colder than an average month. The greatest negative departure from normal temperature occurred in the upper Peace River valley and the region from Lesser Slave Lake to Edmonton, where the month was 10 to 15 degrees colder than a normal March. In southern Alberta, Saskatchewan and Manitoba it was generally four to eight degrees colder than normal although in southwestern Manitoba the deficiency was only 1 to 3 degrees. In Ontario the deficiency was generally 2 to 3 degrees. But in the region of the Lake of the Woods the month was 5 to 10 degrees colder than usual. In a portion of southeastern Ontario and in the region of James Bay it was slightly warmer than an average March. In Quebec, except the far north and the region of the Gulf of St. Lawrence, it was 2 to 7 degrees colder than usual. In the Atlantic provinces both positive and negative departures occurred but were in nearly all districts quite small. In the interior of British Columbia temperatures averaged somewhat below normal, but on the coast slightly above normal. In the Yukon, temperatures were 1 to 2 degrees above normal, while in the region of Hudson Strait the excess was 3 to 6 degrees.

PRECIPITATION

On Vancouver Island precipitation was 20 to 100 per cent. in excess of the normal amount for March. In the lower Fraser valley twice the usual amount was recorded. In the southern interior valleys about twice the usual amount fell except in the East Kootenay where some stations had less than the normal amount and others more.

In parts of southern Alberta precipitation was very light. In northern Alberta there was an excess of 10 to 20 per cent. In central and southern districts of Saskatchewan 6 to 12 inches of snow fell during the month where the normal is 5 to 8 inches. In some northern districts the snowfall was light and in others about normal. In Manitoba several points reported more than twice the usual amount. In Ontario precipitation was generally above normal except in some districts of southern Ontario.

In Quebec a large area along the St. Lawrence had from 30 to 100 per cent. more than the usual amount but there was a deficiency in some northwestern districts. Precipitation was 15 to 115 per cent. above normal in western and northwestern New Brunswick, Prince Edward Island, the Minas Basin and Cape Breton Island while in southern and southwestern Nova Scotia there was a deficiency of 20 to 40 per cent.



A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Sg denotes depth of snow on ground in inches; where given.

BRITISH COLUMBIA

STATION	H	L	P	I	STATION	H	L	P	I	STATION	H	L	P	I
Victoria	59°	31°	3.9	105	White Rock	65°	33°	7.7		Goldstream Lake	..	..	7.6	
Sooke	58°	26°	7.8		Agassiz	63°	27°	11.2	64	Port Alberni	64°	27°	7.9	
Shawnigan Lake	63°	28°	4.6		Vernon	55°	8°	1.7	98	Salt Spring Island	60°	25°	6.3	
Duncan	64°	23°	5.8		Salmon Arm	52°	9°	2.4	93	Oliver	65°	0°	2.0	101
Nanaimo	59°	29°	4.5	98	Kamloops	62°	10°	0.8	158	Princeton	65°	-4°	2.8	
Prince Rupert	57°	25°	6.6	54	Kaslo	50°	9°	2.8		Windermere	52°	0°	0.7	123
Vancouver	59°	27°	9.1	95	Quesnel	59°	-8°	1.9		Revelstoke	49°	6°	4.4	
New Westminster	63°	28°	10.2		Prince George	55°	-12°	2.4	137	Golden	52°	-10°	1.1	

ALBERTA, SASKATCHEWAN AND MANITOBA

STATION	H	L	P	I	Sg	STATION	H	L	P	I	Sg
Beaver Lodge	48°	-31°	1.4	145	12	Grenfell	49°	-26°	1.0		6
Fairview	45°	-31°	0.9	138	24	Francis	47°	-26°	1.1		2
Edmonton	50°	-30°	0.9	187		Whitewood	48°	-25°	0.6		2
Calgary	50°	-22°	1.0	129		The Pas	29°	-32°	0.5		
Medicine Hat	..	..	0.5	113		Minnedosa	42°	-25°	1.7		5
Banff	48°	-23°	0.6	134	T	Winnipeg	38°	-20°	2.0	192	12
Bassano	50°	-25°	0.1			Morden	47°	-16°	1.2	189	
Brooks	52°	-27°	0.4			Russell	46°	-28°	...		
Patricia	53°	-27°	0.1			Treherne	43°	-21°	1.8		6
Red Deer	50°	-27°	0.5			Dauphin	45°	-20°	0.5		
Gem	52°	-29°	0.3			Waskada	44°	-21°	0.8		
Gilbertson	57°	-29°	0.3			Hamiota	43°	-28°	...		
Battleford	37°	-36°	0.2		7	Morris	50°	-18°	0.6		6
Prince Albert	39°	-36°	0.9		7	St. Albans (Treesbank)	48°	-24°	1.9		5
Scott	43°	-33°	1.2	164		Sprague	38°	-24°	1.3		
Swift Current	50°	-23°	0.6	141	0	Pinawa	40°	-21°	1.8		
Moose Jaw	49°	-30°	1.0	130		Great Falls	40°	-23°	...		
Qu'Appelle	43°	-26°	1.3	160	T	Brandon	45°	-26°	2.2	180	9
Waseca	40°	-34°	0.8		8	Birtle	45°	-27°	0.6		2
Cadillac	48°	-27°	0.8		0	Warren	38°	-19°	1.3		
Chaplin	44°	-28°	...		0						

ONTARIO

Atikokan	41°	-40°	1.4			Barrie	52°	-4°	4.3	103	T
Mine Centre	41°	-31°	1.4		12	Walkerton	60°	4°	3.6		
Ignace	39°	-35°	3.0			Mount Forest	55°	-3°	2.7	59	T
Kenora	38°	-18°	1.9			Brucefield	56°	2°	1.5		
Sioux Lookout	38°	-24°	0.2		16	Southampton	57°	5°	3.4		0
Port Arthur	37°	-9°	1.6		1	Stratford	58°	0°	3.3		
Quorn	40°	-41°	1.0		36	Woodstock	55°	4°	1.4	105	
White River	39°	-36°	2.2		34	Paris	60°	3°	2.9		
Schreiber	36°	-14°	2.4		40	Alton	53°	-3°	3.8	185	
Chapleau	49°	-31°	1.7			Harrow	55°	5°	1.3	94	
Ruel	47°	-26°	2.1		20	Simcoe	62°	0°	3.0		
Cochrane	44°	-17°	1.9	116	6	Toronto	58°	5°	1.6	123	0
Haileybury	52°	-10°	1.5	113	6	Beeton	60°	-2°	2.0		
Heaslip	43°	-20°	1.0			Bloomfield	57°	7°	3.2		2
Kapuskasing	42°	-21°	2.7	95		Queensboro'	55°	-7°	4.6		1
Algonquin Park	40°	-20°	2.6			Peterboro'	57°	-1°	2.5		T
Madawaska	60°	-19°	1.8			Kingston	47°	-1°	2.9	150	T
Montreal River	55°	-22°	1.8			Brockville	56°	-1°	4.3	158	6
Crystal Falls	54°	-18°	3.2		6	Morrisburg	51°	-10°	3.2		2
Providence Bay	45°	-7°	2.0		0	Ottawa	47°	-1°	2.5		6
Parry Sound	54°	-5°	4.4		4	Ottawa (Exp.Farm)	43°	-7°	3.5	149	
Scotia Junction	53°	-11°	3.6		12	Renfrew	40°	10°	2.6		
Walker's Point	58°	-16°	4.1	150	6	Pembroke	57°	-7°	2.1		4
Beatrice	53°	-13°	3.9		5	Clontarf	57°	-12°	2.0		0
Lucknow	55°	-6°	3.0								

QUEBEC

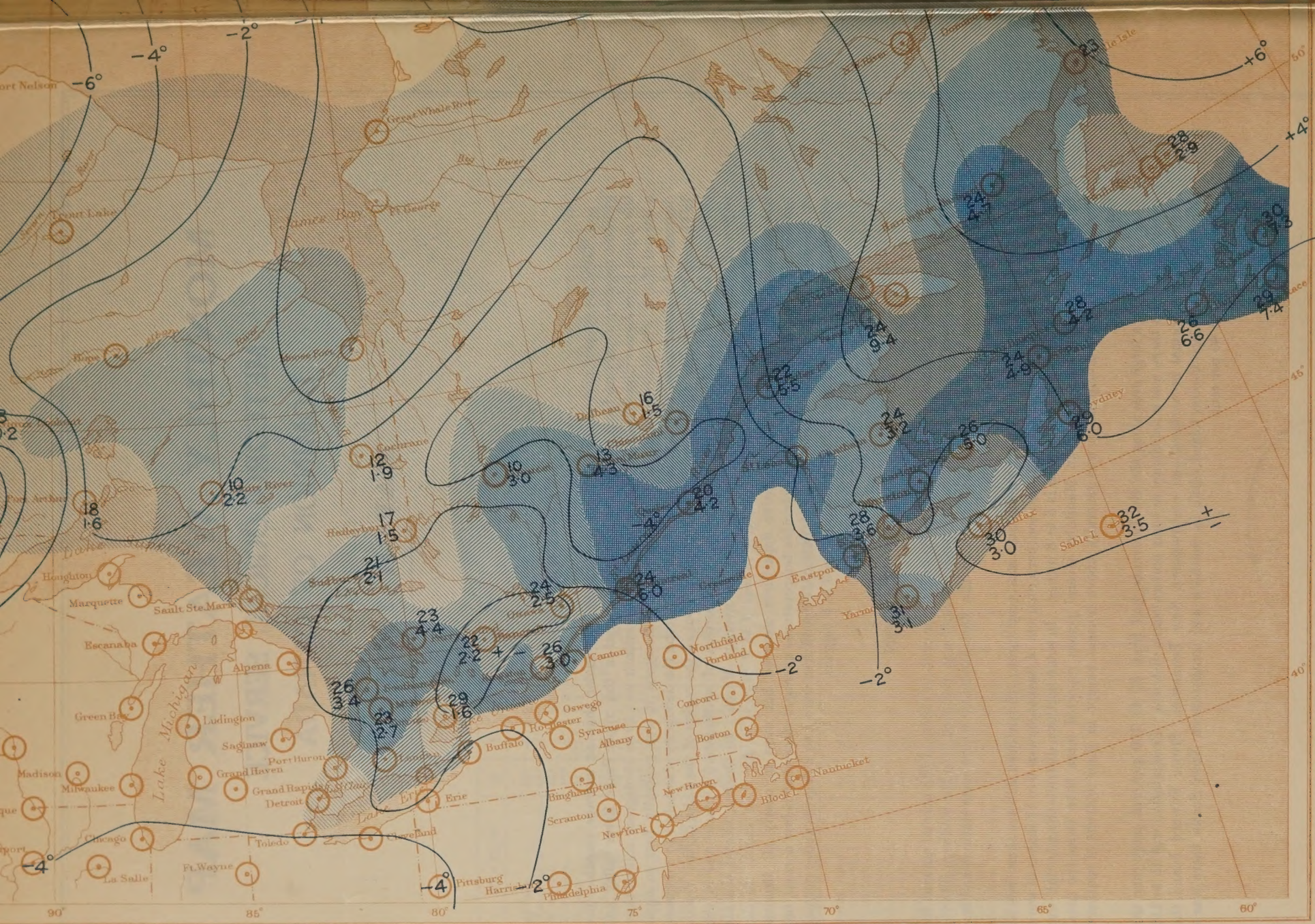
STATION	H	L	P	I	Sg	STATION	H	L	P	I	Sg
Cedars	50°	3°	5.1		T	Fame Point	46°	4°	9.4		60
Macdonald College	41°	−2°	4.1		T	Ellis Bay	..	..	1.6		52
Montréal	44°	3°	5.7	163	10	La Malbaie	43°	−12°	3.0		
Farnham	43°	−7°	5.2	149	4	Gaspé	51°	−9°	3.0		
Brome	49°	−14°	3.9		6	Roberval	44°	−15°	2.9		8
Nicolet	44°	−5°	4.6		4	Albanel	41°	−17°	1.5	160	10
Sorel	46°	−5°	3.4		12	Manouan	44°	−32°	3.4		
Lennoxville	49°	−8°	4.3	132	6	Lake Kempt	40°	−36°	1.9		
Sherbrooke	49°	−1°	4.0	124	T	Chute à Murdock	46°	−11°	2.8		
Drummondville	47°	−7°	6.4		6	Huberdeau	47°	−11°	4.3		5
Beauceville	48°	−10°	4.7		13	St. Lin					
Lake Mégantic	58°	−6°	5.7		20	des Laurentides	46°	−11°	3.5		4
Cap Rouge	42°	−4°	4.9	132	35	Mont Laurier	50°	−14°	3.7		6
Québec	41°	−4°	4.2	140	20	Maniwaki	45°	−14°	1.9	210	3
St. Joachim	41°	−4°	3.3	186	6	St. Gabriel de					
Seven Falls	40°	−20°	5.2			Brandon	39°	−8°	6.0		20
Ste. Anne de la						La Ferme	46°	−22°	1.4	141	
Pocatière	46°	−2°	4.3	106	2	Ville Marie	50°	−10°	1.7		
Joliette	39°	−14°	2.9		5	Sanmaur	44°	−33°	4.3	127	27
Father Point	..	..	5.5		20	Abitibi	44°	−15°	1.4		
Harrington	..	..	4.7		4	Doucet	..	..	3.0		4

ATLANTIC PROVINCES

Saint John	48°	4°	3.6	150	T	Sussex	56°	−1°	4.1		
Aroostook	49°	−13°	4.1		21	Woodstock	52°	−10°	4.2		15
Bathurst	52°	−8°	3.0			Halifax	54°	9°	3.0		T
Chatham	52°	−3°	3.2		6	Digby	60°	9°	2.9		
Edmundston	42°	−10°	3.6		27	Kentville	58°	10°	3.2	123	
Fredericton	45°	−2°	3.4	137	2	Liverpool	54°	5°	3.2		
Fredericton	47°	−2°	3.5	142	T	Nappan	53°	2°	3.6	130	0
(Experimental Farm)						Sydney	48°	3°	5.1		
Gagetown	46°	0°	3.8			Truro	52°	1°	3.0		
Grand Falls	47°	−13°	5.1		30	Upper Stewiacke	52°	−3°	2.9		
Harvey	44°	−8°	2.9		10	Wolfville	55°	9°	3.2	134	T
Musquash	49°	−2°	4.3			Yarmouth	51°	14°	3.1		12
McAdam Junction	47°	−6°	4.7			Charlottetown	46°	6°	3.6		
Nepisiquit Falls	57°	−13°	3.2			Charlottetown	46°	5°	5.0	128	T
Rexton	50°	−8°	4.9		1	(Experimental Farm)					

NORTHWEST TERRITORIES

Ft. Simpson	24°	−45°	1.0	178		Ft. Smith	26°	−43°	0.2		


-6°
-4°
-2°
+6°
+4°
+2°
Port Nelson
Lake Michigan
Houghton
Marquette
Sault Ste. Marie
Escanaba
Alpena
Green Bay
Ludington
Saginaw
Port Huron
Madison
Milwaukee
Grand Haven
Detroit
Chicago
Toledo
Cleveland
La Salle
Ft. Wayne
Erie
Buffalo
Oswego
Rochester
Syracuse
Albany
Boston
Canton
Northfield
Portland
Concord
Nantucket
Block I.
New Haven
Binghampton
Scranton
New York
Pittsburg
Harrisburg
Philadelphia
Eastport
Sable I.
90°
85°
80°
75°
70°
65°
60°
50°
45°
40°

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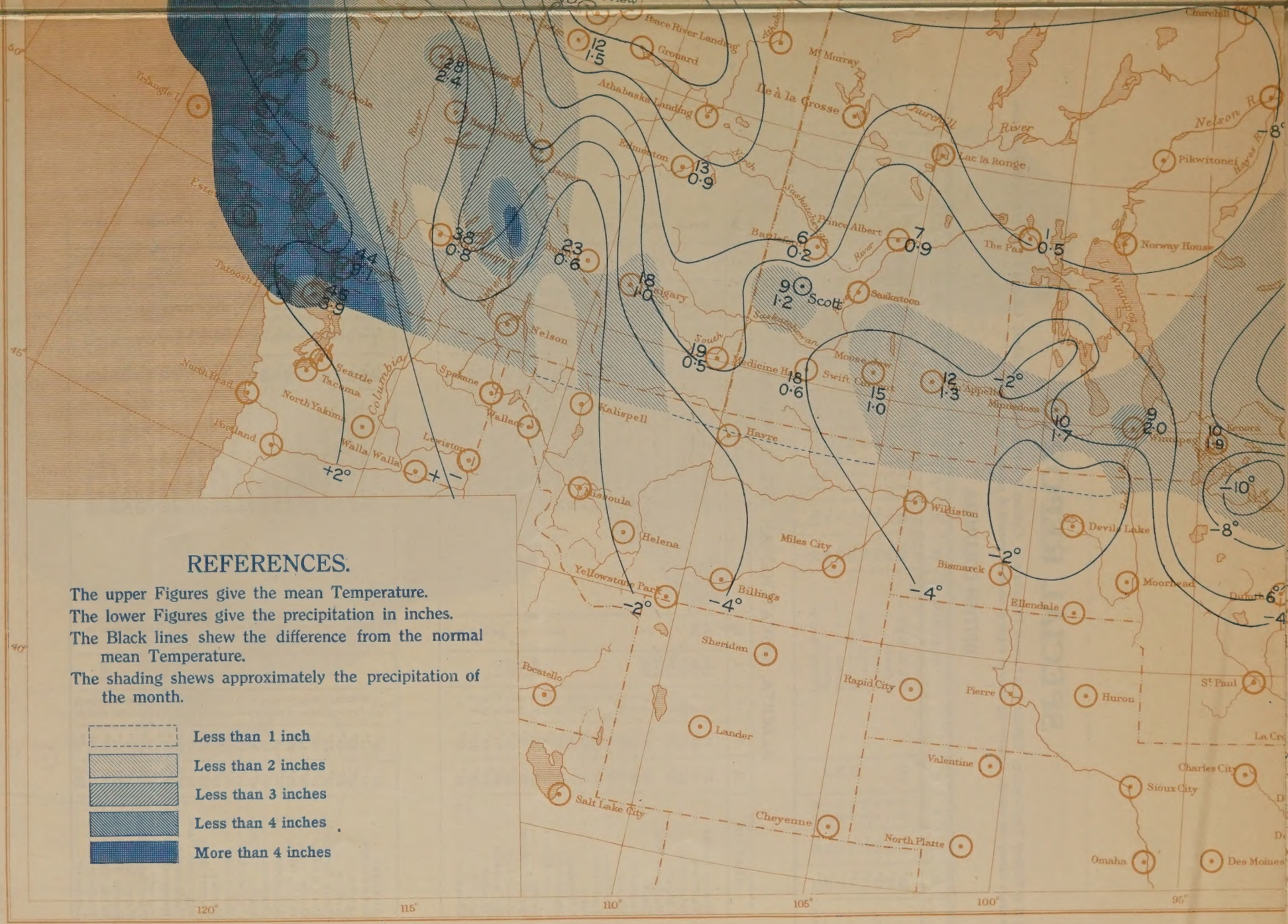
R MAP
, 1932
from normal mean temperature; also total precipitation
month.
Ellesmere Island
Pond's Inlet
Godhaven
Angmagssalik
Godthaab
Julianehaab
Pangnirtung
Nottingham I.
Cape Walstenholme
Wakeham
Resolution
Fort Chimo
+2°
+4°
+6°
-6
0·9
-18
0·2
1·0
0·2


REFERENCES.
The upper Figures give the mean Temperature.
The lower Figures give the precipitation in inches.
The Black lines shew the difference from the normal mean Temperature.
The shading shews approximately the precipitation of the month.
Less than 1 inch
Less than 2 inches
Less than 3 inches
Less than 4 inches
More than 4 inches
Peace River Landing
Grouard
Athabaska Landing
Edmonton
Mt Murray
De à la Grosse
Lac la Ronge
Pikwitonei
Norway House
The Pas
Prince Albert
Saskatoon
Scott
Calgary
Medicine Hat
Swift Current
Moose Jaw
Nelson
Seattle
Tacoma
Spokane
North Yakima
Walla Walla
Lewiston
Kalispell
Havre
Missoula
Helena
Miles City
Billings
Yellowstone Park
Williston
Devils Lake
Bismarck
Moorhead
Ellendale
Sheridan
Pocatello
Rapid City
Pierre
Huron
St Paul
Lander
Valentine
Sioux City
Salt Lake City
Cheyenne
North Platte
Omaha
Des Moines
120°
115°
110°
105°
100°
95°

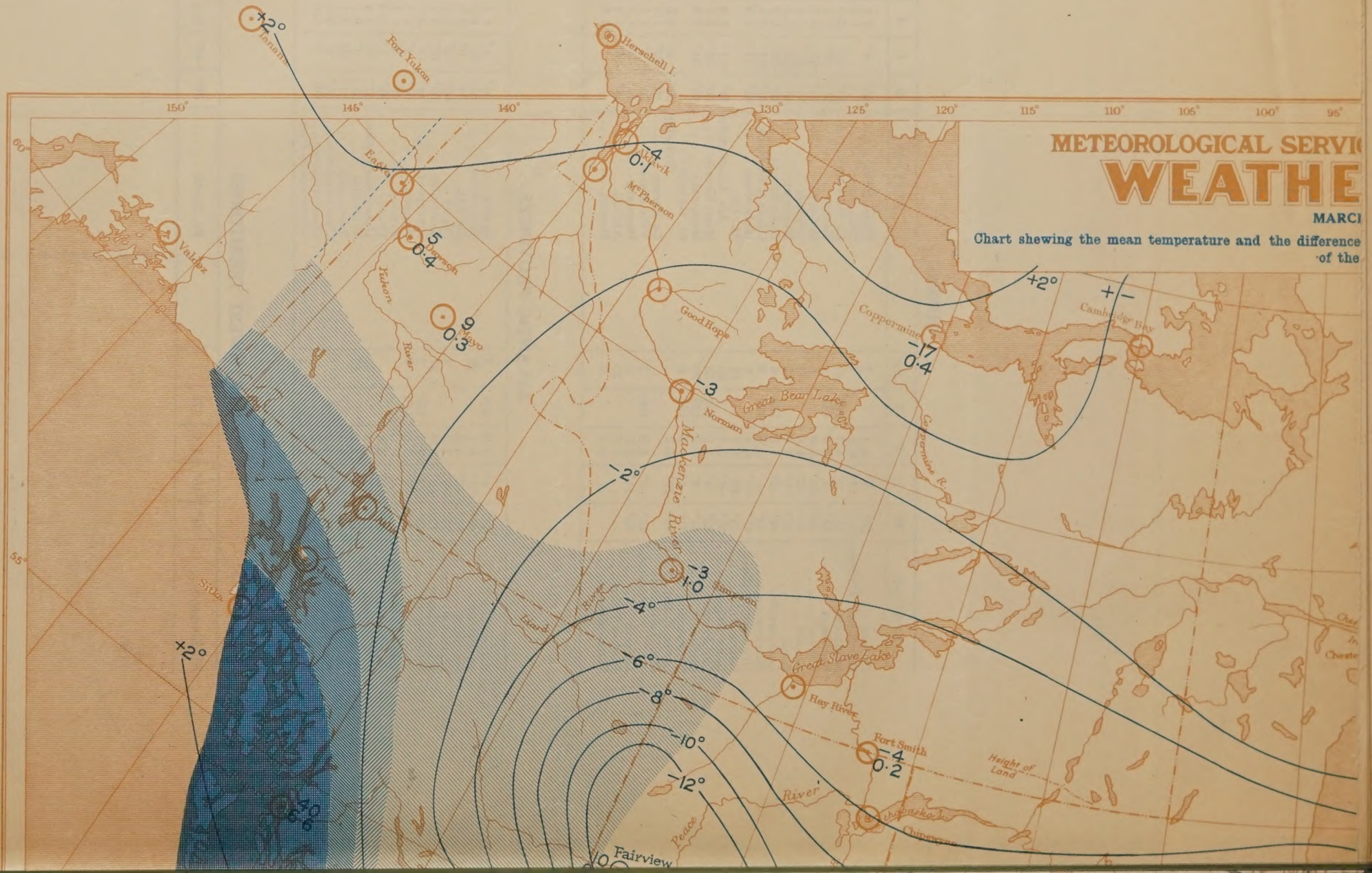

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Chart shewing the mean temperature and the difference
of the
150°
145°
140°
130°
125°
120°
115°
110°
105°
100°
95°
60°
55°
+2°
Tanana
Fort Yukon
Herschell I.
Eagle
Ikpikpuk
McPherson
Valdez
Dawson
Yukon
River
Mayo
Good Hope
Coppermine
Cambridge Bay
Great Bear Lake
Norman
Mackenzie River
Sitka
Great Slave Lake
Hay River
Fort Smith
Height of Land
Peace River
Fairview
Chipewyan
+2°
+/−
−2°
−3°
−4°
−6°
−8°
−10°
−12°
−4
0·1
5
0·4
9
0·3
−17
0·4
−3
1·0
−4
0·2
+2°
+0·6